APPLICANT Sugitaka OTEKI, et al.	Form PTO 1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 202321US2		SERIAL NO. New Application				
FILING DATE U.S. PATENT DOCUMENTS U.S. PATENT DOCUMENTS DATE NAME CLASS CLASS CLASS FILING DATE FI	LIST OF REFERENCES CITED BY APPLICANT			APPLICANT		2			
U.S. PATENT DOCUMENTS DOCUMENT DATE NAME CLASS SUB FILING DATE	LIST OF REFERENCES CITED BY APPLICANT			FILING DATE				2	
DATE NAME CLASS SUB FILING DATE NAME CLASS SUB FILING DATE FILING DATE SUB FILING DATE SUB FILING DATE FILING DATE SUB FILING DATE FIL								2	
NUMBER			·	. 	J.S. PATENT DOCUMENTS				S .
AB 6,041,133 0321/100 Hirrowin OKUBO, et al.	EXAMINER INITIAL			DATE	NAME	CLASS	SUB CLASS	FILING DA	ATE
AC 6,151,457 11/21/00 Hiroyuki KAWAMOTO AD AE AF AG AF AG AH AI AI AI AN AN AN AN AN AN AN	VV.	AA	5,050,221	09/17/91	Junichi OHTA, et al.				
AD AE AF AG AG AH AI AI AJ AX AK AL AM AN AN FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY TRANSLATION YES NO AO AP AQ AR AR AS AT AU AV OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) AW AX AX AY AZ Xaminer Date Considered AZ AZ Xaminer Date Considered	\mathcal{N} ,	AB	6,041,139	03/21/00	Hiromi OKUBO, et al.				
AE AF AG AH AI AI AJ AX AL AM AN FOREIGN PATENT DOCUMENTS FOREIGN PATENT DOCUMENTS TRANSLATION NO AO AP AQ AP AQ AR AS AT AU AV OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) AW AX AY AZ Xaminer: Date Considered Av Mether or not citation is in conformance with MPEP 609: Draw line through citation is find in	ILL	AC	6,151,457	11/21/00	Hiroyuki KAWAMOTO				
AF AG AH AI AI AJ AJ AK AL AM AN AN AN AN AN AN AN AN AN AO AO AO AP AQ AQ AR AR AS AS AT AT AU AU AV OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) AW AX AX AY AZ Xaminer Xaminer AZ AZ Xaminer Date Considered AG	1.*	AD							
AG AH AI AI AI AV AK AL AM AN BOCUMENT NUMBER ADTE COUNTRY TRANSLATION YES NO AO AP AQ AR AR AS AT AU AV OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) AW AX AY AZ Xaminer Date Considered LO AV AV AV Date Considered LO AV Date Considered LO AV Date Considered LO AV Date Considered LO AV AV Date Considered LO AV Date Considered LO AV AV Date Considered LO AV AV Date Considered LO AV Date Considered LO AV Date Considered LO AV Date Considered LO AV AV Date Considered LO AV AV Date Considered LO AV Date Consider		AE							
AH AI AJ AX AL AM AN FOREIGN PATENT DOCUMENTS FOREIGN PATENT DOCUMENTS TRANSLATION YES NO AO AP AQ AR AR AS AT AU AV OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) AW AX AY AZ Xaminer Date Considered LO AZ Date Considered LO AZ Xaminer Date Considered LO AZ AZ Xaminer Date Considered LO AZ AZ Xaminer Date Considered LO AZ Xaminer Date Considered LO AZ Xaminer Xaminer Louis if reference is considered, whether or not citation is in conformance with MPEP 509: Draw line through citation if not in		AF			·				
AI AJ AK AL AM AN FOREIGN PATENT DOCUMENTS FOREIGN PATENT DOCUMENTS TRANSLATION YES NO AO AP AQ AR AS AT AU AV OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) AW AX AY AZ Xaminer Xaminer Xaminer Xaminer Xaminer Xaminer Xaminer Date Considered LO AA AT AU AZ Xaminer		AG		ļ					
AJ AK AK AL AM AN POREIGN PATENT DOCUMENTS FOREIGN PATENT DOCUMENTS COUNTRY TRANSLATION NO AO AP AQ AR AR AS AT AU AV OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) AW AX AY AZ Xaminer Xaminer Date Considered D Xaminer Date Considered D X		AH			·			- -	
AK AL AM AN AN FOREIGN PATENT DOCUMENTS COUNTRY TRANSLATION YES NO AO AP AQ AQ AR AS AT AU AV OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) AW AX AZ xaminer xaminer Date Considered AV AZ		AI							
AL AM AN FOREIGN PATENT DOCUMENTS FOREIGN PATENT DOCUMENTS TRANSLATION YES NO NO NO AO AP AP AQ AQ AR AR AS AS AT AT AU AU AV COTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) AW AX AX AY AZ Xaminer. Initial if reference is considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in		LA.							
FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY TRANSLATION YES NO AO		AK							
FOREIGN PATENT DOCUMENTS TRANSLATION YES NO AO AP AQ AR AS AT AU AV OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) AW AX AY AZ Xaminer Examiner Date Considered LD L L L L L L L L L L L L L L L L L L		AL							
FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY TRANSLATION YES NO AO AP AP AQ AR AR AS AS AT AU AV OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) AW AX		AM							
DOCUMENT NUMBER DATE COUNTRY TRANSLATION YES NO AO AP AP AQ AR AS AT AU AV AX		AN							
NUMBER AO AO AP AQ AR AS AT AU AV OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) AW AX AX AY AZ Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 509: Draw line through citation in first in				FO	REIGN PATENT DOCUMENTS				
AP AQ AR AR AS AS AT AU AV CTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) AW AX AX AY AZ Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609: Draw line through citation in not in				DATE	COUNTRY)
AQ AR AS AT AU AV OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) AW AX AY AZ Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609: Draw line through citation in not in		AO		<u> </u>			<u> </u>		
AR AS AT AU AV OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) AW AX AY AZ Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in		AP							
AS AT AU AV OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) AW AX AY AZ Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in		AQ							
AT AU OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) AW AX AY AZ xaminer Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in		AR							
AU OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) AW AX AY AZ Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in		AS							
AV OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) AW AX AY AZ Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in		AT							
AX AY AZ Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in									
AX AY AZ xaminer Date Considered D Considered in the conformance with MPEP 609: Draw line through citation if not in		AV	<u> </u>	<u> </u>		 			
AX AY AZ xaminer Date Considered D Considered is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in			OTHER REI	FERENCES (ncluding Author, Title, Date, Per	rtinent Pages, e	itc.)	·	
AZ xaminer Date Considered		AW							
Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in		AX							
xaminer Date Considered D C Date Considered D C D Date Considered D D Date Considered D D D D D D D D D D D D D D D D D D D		AY				·			-
Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in		AZ	1			·			
Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in	Examiner		March	RALI	, <u>, , , , , , , , , , , , , , , , , , </u>	Date Cor	nsidered {	0/8/0	3
	Examiner: In	tial if re	eference is considered, v	vhether or not	citation is in conformance with MF	EP 609; Draw I	ine through	citation if not in	



LIST OF RELATED CASES

Docket Number	Serial or <u>Patent Number</u>	Filing or Issue Date	Inventor/ Applicant
202321US2*	09/770,214	01/29/01	OTEKI et al. ${\cal N}$
242914US2	10/663,784	09/17/03	SHIRATA et al.

RECEIVED

FEB 1 1 2004

Technology Center 2600



LIST OF RELATED CASES

Docket Number	Serial or Patent Number	Filing or Issue Date	Inventor/ Applicant
202321US2*	09/770,214	01/29/01	OTEKI et al. 🆊
243080US2	10/668,360	09/24/03	OHYAMA et al. W

RECEIVED

FEB 1 1 2004

Technology Center 2600



LIST OF RELATED CASES

Docket Number	Patent Number	Issue Date	Applicant
202321US2*	09/770,214	01/29/01	OTEKI et al. W
245245US2	10/703,509	11/10/03	NOMIZU et al.

RECEIVED

FEB 1 1 2004

Technology Center 2600